



PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
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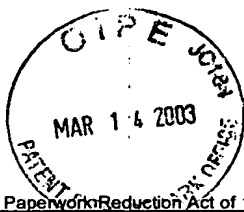
TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/064,041 10/064,041	
	Filing Date	06/04/2002	
	First Named Inventor	Chun-Chih Yang	
	Group Art Unit	2123	
	Examiner Name		
Total Number of Pages in This Submission	17	Attorney Docket Number	VIAP0040USA

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		RECEIVED MAR 19 2003 GROUP 3600

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	WINSTON HSU
Signature	<i>Winston Hsu</i>
Date	3/6/2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 			
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Signature		Date	

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PTO/SB/17 (01-03)
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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number	10/064,041
Filing Date	06/04/2002
First Named Inventor	Chun-Chih Yang
Examiner Name	
Art Unit	2123
Attorney Docket No.	VIAP0040USA

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 50-0801
Deposit Account Name: North America International Patent Office

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: Extra Claims: Fee from below: Fee Paid:
Independent Claims: -20** = X =
Multiple Dependent Claims: -3** = X =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Winston Hsu	Registration No. (Attorney/Agent)	41,526	Telephone	886289237350
Signature	<i>Winston Hsu</i>	Date	3/6/2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PTO/SB/08A (10-01)
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number

10 | 064, 041

Filing Date

0610412002

First Named Inventor

Chun-Chih Yang

Art Unit

2123

Examiner Name _____

Attorney Docket Number

VIA PD040 USA

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5 Applicant: Chun-Chih Yang

 Filing Date: 06/04/2002 Art Unit: 2123

 Serial No.: 10/064,041 Docket No.: VIAP0040USA

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10  Title:      METHOD TO PRESERVE COMMENTS OF CIRCUIT SIMULATION
                TEXT FILE
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To: The Assistant Commissioner for Patents
Washington, D.C. 20231

15 Subject: Information disclosure statement under
 37C.F.R.§1.56.

Dear Sir:

20

This is an Information Disclosure Statement in accordance with the duty to disclose information material to patentability under 37 C.F.R. §1.56. The applicant wishes to make of record the document listed on the accompanying form PTO/SB/08. It is respectfully requested that the examiner initials the cited reference on the form and that it be made of record in the application and that a copy of the initialed form be sent to the applicant with the next communication from the examiner.

30 Since the IDS is filed before the mailing date of a first
Office action on the merits, consideration of the information
disclosure statement is hereby requested according to

37C.F.R. §1.97(b). The prior art patent contained in the information disclosure statement was cited in communications from the Taiwan Intellectual Property Office on October 11, 2001. The applicant sincerely hopes that the examiner can
5 consider the item contained in the information disclosure statement.

According to the requirement set forth in 37 C.F.R. §1.98 and M.P.E.P. 609 (Rev.1, Feb. 2000), the applicant is submitting
10 a copy of the cited reference (Taiwan Patent No. 405326, "COMMUNICATIONS METHOD AND RELATED APPARATUS FOR CHARACTER TRANSLATION") and a concise explanation of the relevance in this application hereinafter.

15 TP No.341418 discloses a character-converting communications method, which translates Chinese characters in a message received by a communications device into English words. In the process, the method determines whether the message contains any Chinese characters or not. If not, the method
20 transmits the message directly to a communications interface of the communications device. On the contrary, if so, the method translates the Chinese characters into English based on a translation rule and transmits the English words to the communications interface. The English words correspond, of
25 course, to the Chinese characters.

Claim 1 of the present application is repeated below for reference:

30 "1. A computer algorithm for converting a text file into a circuit layout and vice versa so that a user can update the text file and the corresponding circuit layout;

the computer algorithm comprising:
compiling a hardware description written in the text file
into the corresponding circuit layout;
converting comment text written in the text file into a
5 code stream according to a predetermined conversion
rule;
updating the circuit layout and compiling the updated
circuit layout into the corresponding hardware
description; and
10 converting the code stream into the comment text, and
inserting the comment text into the hardware description
corresponding to the updated circuit layout so as to
generate an updated text file."

15 Claim 1 of the present application shows a computer algorithm
to convert a text file containing a hardware description and
a comment text into an updated text file. In the process, the
algorithm compiles the hardware description written in the
text file into a circuit layout and the comment text into a
20 code stream, updates the circuit layout into an updated circuit
layout, compiles the code stream back to the original comment
text and updates the updated circuit layout into an updated
hardware description, and inserts the comment text into the
updated hardware description to generate the updated text file.

25

It is clear that TP No.341418 is applied to character
recognition and translation field to translate Chinese
characters into English words. However, claim 1 of the present
application is instead applied to a computer algorithm for
30 converting a text file into a circuit layout and vice versa.
Therefore, TP No.341418 and the present application are in
different fields of art.

In addition, TP No.341418 does not disclose "converting comment text written in the text file into a code stream according to a predetermined conversion rule", and "converting the code stream into the comment text, and inserting the comment text into the hardware description corresponding to the updated circuit layout so as to generate an updated text file" after the text file has been converted into the circuit layout and the circuit layout into the updated circuit layout.

10

While TP No.341418 and the present application pertain to different art, TP No.341418 does not disclose, even if the Chinese characters in TP No.341418 are read as the hardware description in claim 1 of the present application and the English words are read as the circuit layout, (a) the comment text and the code string, which are converted from the comment text, (b) that the English words (circuit layout) can be updated and the updated English words (circuit layout) can be converted into the updated Chinese characters (hardware description), and (C) that the code string can be converted into the comment text and inserted into the updated Chinese characters (hardware description).

On the other hand, TP No.341418 still does not disclose, even if the Chinese characters in TP No.341418 are read as the comment text in claim 1 of the present application and the English words are read as the code string, (a) the hardware description and the circuit layout, which are converted from the hardware description, (b) that the circuit layout can be updated and the updated circuit layout can be converted into the updated hardware description, and (C) that the code string can be converted into the Chinese characters (comment text)

and inserted into the updated hardware description.

It is therefore believed that claim 1 of the present application is substantially different from the prior art patent No.341418. And since all other claims are dependent
5 on claim 1, they are believed to be substantially different from the prior art patent No.341418 as well.

10 Respectfully Submitted,

Winston Hsu

Date: 3/6/2003

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